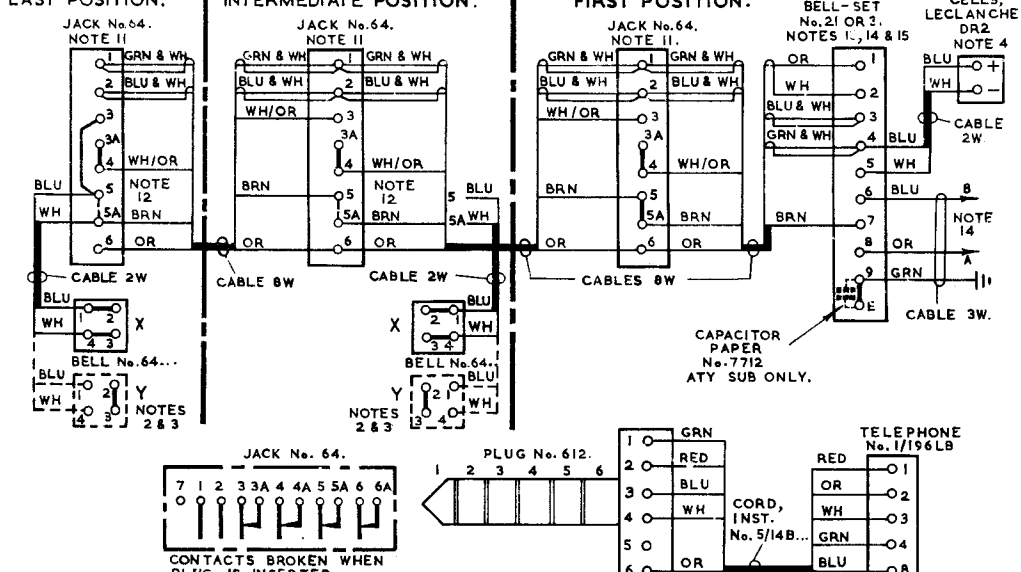
MAGNETO AND C.B.S. No.1 SYSTEMS.

SHARED SERVICE (MANUAL)
SUBSCRIBER'S EXTENSION PLAN 4. (INTERNAL ONLY)
WIRING.

N4045.
10 PANELS-9
28·1·52

USING ONE OR MORE TELEPHONES No.1/196 LB AND BELL-SET No.21 OR No 31.

LAST POSITION. INTERMEDIATE POSITION. FIRST POSITION.



Y.		C B S Nos.1,2,3 & MAGNETO
	JACK No.64A WAS No.64. MADE IO PANELS. PANELS 7,8,9 & 10 MADE YELLOW. CAPACITOR No.7712 WAS MC1021/1 NOTE 4 AMENDED.	C 28.5.57.
		B 27.4.56.
		A 13.4.55.

MAGNETO AND C.B.S. No.1 SYSTEMS
SHARED SERVICE (MANUAL)
SUBSCRIBER'S EXTENSION PLAN 4. (INTERNAL ONLY)

N4045
10 PANELS-1
28-1-52

W	JACK No.64A WAS No.64. MADE 10 PANELS. PANELS 7,8,9 & 10 MADE YELLOW.	28-5-57 C
	CAPACITOR No.7712 WAS MC.102.1/1	27-4-56 B
	NOTE 4 AMENDED.	13-4-55 A

C.B.S. Nos.1,2,3 & MAGNETO.

NOTES

1. INTERNAL EXTENSION JACK POSITIONS AS REQUIRED MAY BE FITTED FOR USE WITH ONE OR MORE PLUG TERMINATED TABLE TELEPHONES. AT X INSTALLATIONS NOT MORE THAN TWO TELEPHONES ARE PERMITTED. THE FULL FACILITIES OF PLAN 4 ARE GIVEN ON DIAGRAM N1427.

2. AT X INSTALLATIONS THE TWO COILS OF EACH BELL SHOULD BE CONNECTED IN PARALLEL. IN BELL No.64D DISCONNECT STRAP B2-B3 AND CONNECT STRAPS B1-B2 AND B3-B4. IN TELEPHONE No.394LB AND BELL-SETS Nos. 26 AND 31 CONNECT THE BELL COILS IN PARALLEL AS INDICATED ON DGMS. N494, N526 AND N531 RESPECTIVELY. BELL-SET No.21 IS NORMALLY ISSUED WITH COILS CONNECTED IN PARALLEL.

3. AT Y INSTALLATIONS THE COILS OF ALL BELLS SHOULD BE CONNECTED IN SERIES. IN BELL No.64D CONNECT STRAP B2-B3 AND OMIT STRAPS B1-B2 AND B3-B4. TELEPHONE No.394LB AND BELL-SETS Nos. 26 AND 31 ARE NORMALLY ISSUED WITH THE BELL-COILS CONNECTED IN SERIES. IN BELL-SET No.21 CONNECT STRAP BETWEEN THE INNER PAIR AND OMIT STRAPS FROM THE OUTER PAIRS OF TERMINALS ON THE BELL TERMINAL STRIP.

4. PROVIDE CELLS LECLANCHÉ DR2 ACCORDING TO REQUIREMENTS (SEE E.I. TELES. STNS. A3205) WHERE MORE THAN ONE TELE. No. 394 LB IS REQD. PROVIDE A SEPARATE BATT. AT EACH JACK POINT & OMIT THE WIRING BETWEEN JACK TERMINALS 3 & 5.

USING TELEPHONE No.394LB MINJS CORD (PANELS 3 & 4).

5. IN EACH TELEPHONE DISCONNECT STRAPS T8-T7, T11-T12 AND DS4-DS5. CONNECT STRAPS T7-T8, DS1-T6 AND DS4-T12. FIT CORD, INST. No.6/288... AND PLUG No.612.

6. AT EACH JACK POSITION CONNECT STRAPS J1A-J4 AND AT THE LAST JACK POSITION CONNECT ALSO J1-J6

7. DISCONNECT STRAPS B7-B8 AND B4-B5 IN BELL-SET No.26.

8. AT X INSTALLATIONS CONNECT THE EXCHANGE LINE AND EARTH AS SHOWN ON THE DIAGRAM. AT Y INSTALLATIONS REVERSE THE A AND B WIRES ON B7 & B5 AND TRANSFER THE EARTH WIRE TO B4 IN BELL-SET No.26.

9. FOR AN EXTENSION BELL CONNECT BELL No.64D IN PLACE OF STRAP B2-B3 IN BELL-SET No.26, USE CABLE 2W AND CONNECT TO BELL TERMINALS 1 & 4 NOTES 2 & 3 APPLY.

USING TELEPHONE No.1/196LB & BELL-SET No.21 OR No.31 (PANELS 5 & 6).

10. FIT PLUG No.612 TO EACH TELEPHONE.

11. AT EACH JACK POSITION CONNECT STRAP J3A-J4. AT THE FIRST POSITION CONNECT ALSO J1-J1A AND AT THE LAST POSITION CONNECT ALSO J1-J3.

12. CONNECT BELL No.64D BETWEEN J1 AND J1A AT ALL POSITIONS OTHER THAN THE FIRST EXCEPT AT POSITIONS WHERE ANOTHER BELL PERMANENTLY IN CIRCUIT IS AUDIBLE. NOTES 2 & 3 APPLY. CONNECT STRAP J1-J1A WHERE THE BELL IS NOT FITTED.

13. IN BELL-SET No.21 OR No.31 DISCONNECT STRAPS B1-E AND B6-B7. NOTES 2 & 3 APPLY.

NOTES
(CONTINUED)

4. AT X INSTALLATIONS CONNECT STRAP B9—E ON BELL-SET No. 21 OR No. 31. IF AN EXTENSION BELL IS REQUIRED CONNECT BELL No. 64D BETWEEN B9 AND E INSTEAD OF STRAP. NOTE 2 APPLIES. USE CABLE, 2W AND CONNECT TO BELL TERMINALS 1 AND 4.

5. AT Y INSTALLATIONS CONNECT CAPACITOR PAPER No. 7712 INSTEAD OF STRAP BETWEEN B9 AND E OF BELL SET No. 21 OR 31. THE CAPACITOR IS FITTED IN THE BELL SET AS FOLLOWS:—

(I) BELL SET No. 21 — FIXED INSIDE THE CASE USING A CLIP No. 56 3/4 IN. AND A No. 6 Rd. Hd. WOOD SCREW.

(II) BELL SET No. 31 — THE CAPACITOR SHOULD BE FITTED IN THE SPACE BETWEEN THE INDUCTION COIL AND THE BELL COILS AND RETAINED IN POSITION BY A STRIP OF TAPE PLASTIC ADHESIVE PASSING ROUND THE CAPACITOR & THE INDUCTION COIL.

THE CAPACITOR PAPER No. 7712 HAS SUPERSEDED THE CAPACITOR MC No. 102 1/1 FOR NEW WORK.

REVERSE THE A & B LINES ON B6 & B8 IN THE BELL SET. IF AN EXTN. BELL IS REQD. CONNECT BELL SET No. 26 INSTEAD OF CAPACITOR PAPER No. 7712. WIRE WITH CABLE 2W AND CONNECT TO TERMINALS B1 & B4 (BELL COILS IN SERIES).

16. WHERE A MAGNETO EXCH. IS MODIFIED TO DGM. CBS 1124 AT THE X STN.

USING TELEPHONE 1/196 — STRAP T8 & T9.

USING TELEPHONE 394LB — CONNECT T7 TO T11 INSTEAD OF T8.

MAGNETO AND C.B.S. No.1 SYSTEMS

SHARED SERVICE (MANUAL)

SUBSCRIBER'S EXTENSION PLAN 4 (INTERNAL ONLY)

EXPLANATORY

USING ONE OR MORE TELEPHONES No.394LB MINUS CORD & BELL-SET No.26

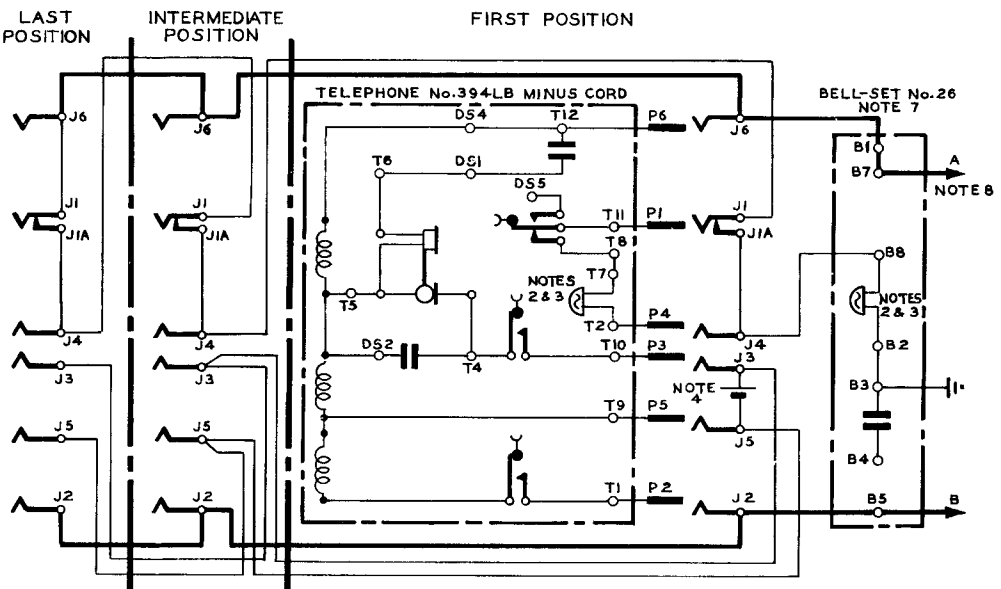
N4045
10 PANELS-3
28·1·52

C.B.S. No.1,2,3 & MAGNETO

C	28-5-57
B	27-4-56
A	19-4-51

JACK No. 64A WAS No.64. MADE 10 PANELS.
PANELS 7,8,9 & 10 MADE YELLOW.
CAPACITOR No.772 WAS MC 102/1/1
NOTE 4 AMENDED.

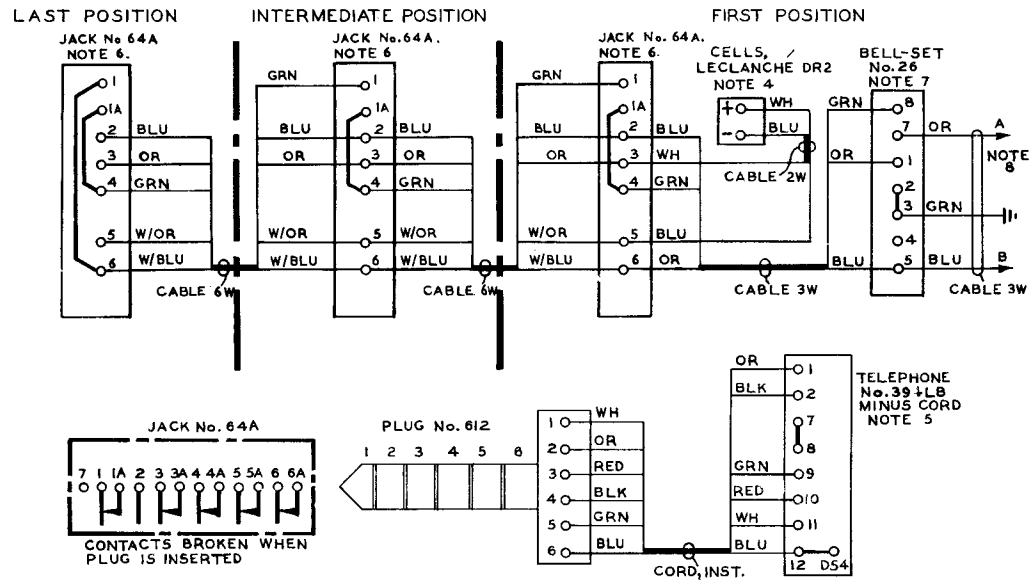
W



N4045
10 PANELS—4
28·1·52

WIRING

USING ONE OR MORE TELEPHONES No.394LB MINUS CORD & BELL-SET No.26



MAGNETO AND C.B.S. No.1 SYSTEMS
SHARED SERVICE (MANUAL)
SUBSCRIBER'S EXTENSION PLAN 4 (INTERNAL ONLY)
WIRING

N4045
10 PANELS-5
28-1-52

USING ONE OR MORE TELEPHONES No.1/196LB AND BELL-SET No.21 OR No.31

W		C.B.S. Nos.1,2,3 & MAGNETO
JACK No.64A WAS No.64. MADE 10 PANELS. PANELS 7,8 & 10 MADE YELLOW. CAPACITOR No.7712 WAS MC 102 1/1. NOTE 4 AMENDED.	28-5-57	C
	27-4-56	B
	15-4-55	A

LAST POSITION
JACK No.64A
NOTE 11

INTERMEDIATE POSITION
JACK No.64A
NOTE 11

FIRST POSITION
JACK No.64A
NOTE 11

BELL-SET
No.21 OR 31
NOTES 13,14&15

CELLS, LECLANCHE DR2
NOTE 4

BLU
WH
GRN
W/OR
W/BLU
OR

CABLE 2W
CABLE 6W
CABLE 2W
CABLES 6W
CABLE 2W
CABLE 3W

BELL No.64D
NOTES 2 & 3

CAPACITOR PAPER No.7712 AT Y SUB. ONLY

NOTE 14 A
B

JACK No.64A

7 1 1A 2 3 3A 4 4A 5 5A 6 6A

CONTACTS BROKEN WHEN PLUG IS INSERTED

PLUG No.612

1 2 3 4 5 6

10
2 RED
3 BLU
4 WH
5 GRN
6 OR

CORD, INST. No.5/148...

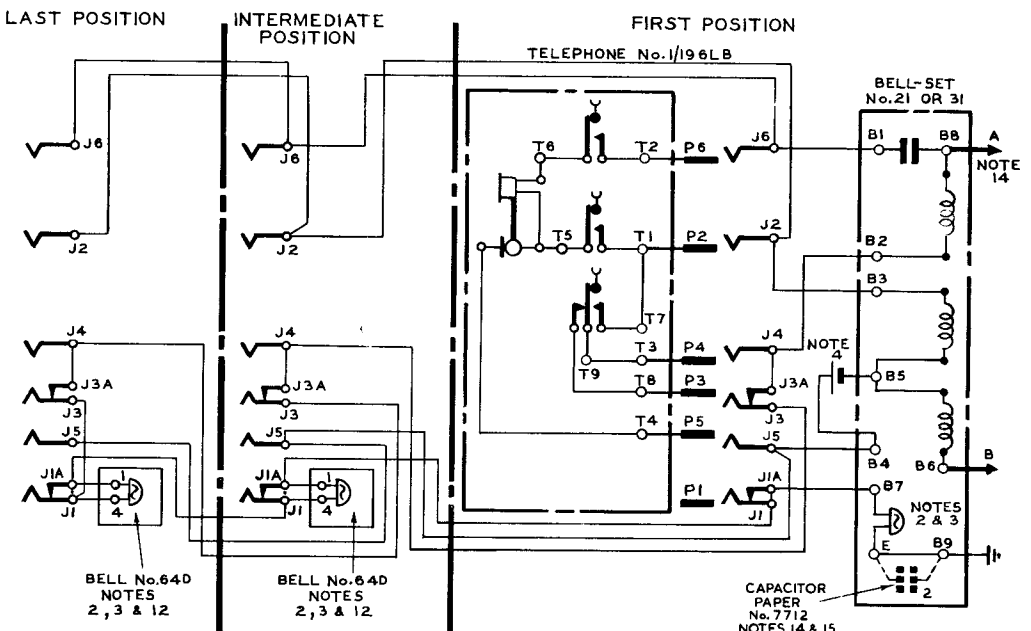
TELEPHONE No.1/196LB

RED 1
OR 2
WH 3
GRN 4
BLU 8

N4045
10 PANELS – 6
28·1·52

EXPLANATORY

USING ONE OR MORE TELEPHONES No.1/196LB AND BELL-SET No.21 OR No.31



MAGNETO AND C.B.S. No.1 SYSTEMS.

SHARED SERVICE (MANUAL)
SUBSCRIBER'S EXTENSION PLAN 4. (INTERNAL ONLY)
EXPLANATORY
USING ONE OR MORE TELEPHONES No.394 LB MINUS CORD & BELL-SET No.26.

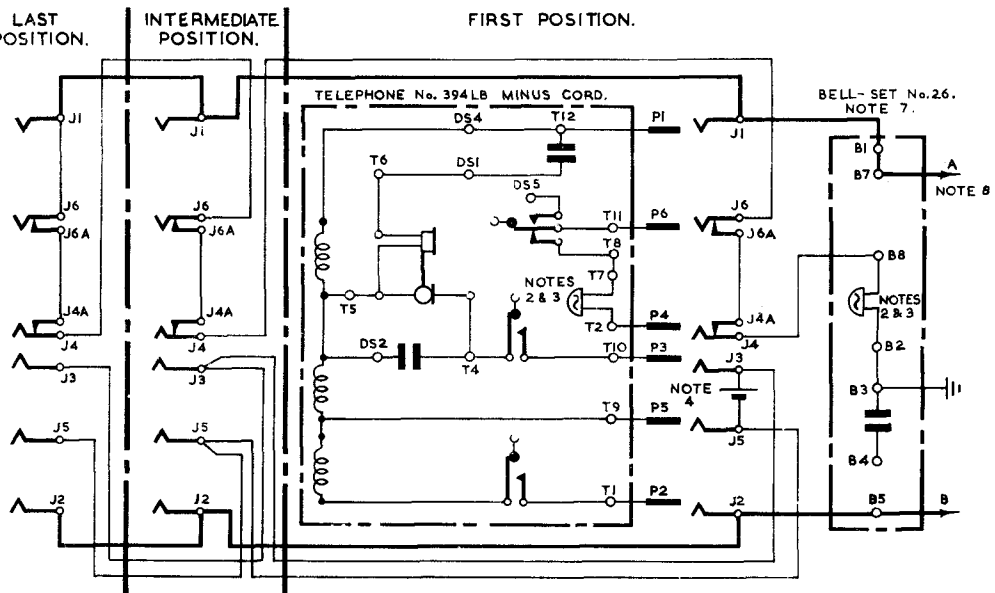
N 4045
10 PANELS-7
2.8.1.52

C.B.S. Nos. 1,2,3 & MAGNETO

28.5.57	C
27.4.56	B
13.4.55	A

JACK No. 64A WAS No.64. MADE 10 PANELS 7,8,9,&10 MADE YELLOW.
CAPACITOR No.7712 WAS MC1021/1.
NOTE 4 AMENDED.

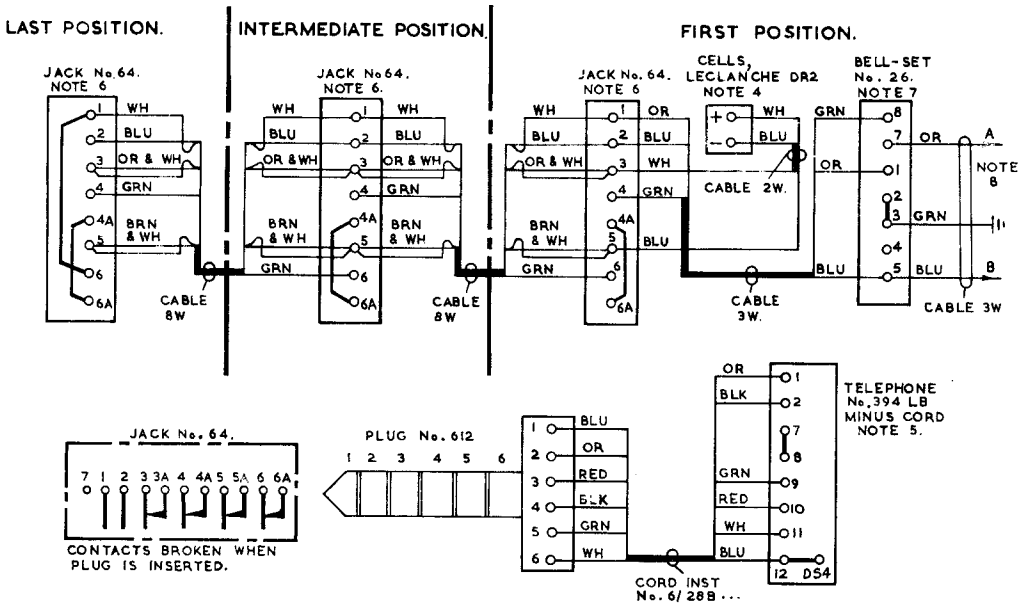
Y



N4045

WIRING.

10 PANELS-8 USING ONE OR MORE TELEPHONES No.394 LB MINUS CORD & BELL-SET No.26.



N 4045.
10 PANELS-10

EXPLANATORY.
USING ONE OR MORE TELEPHONES No.1/196 & BELL-SET No21 OR No.31.